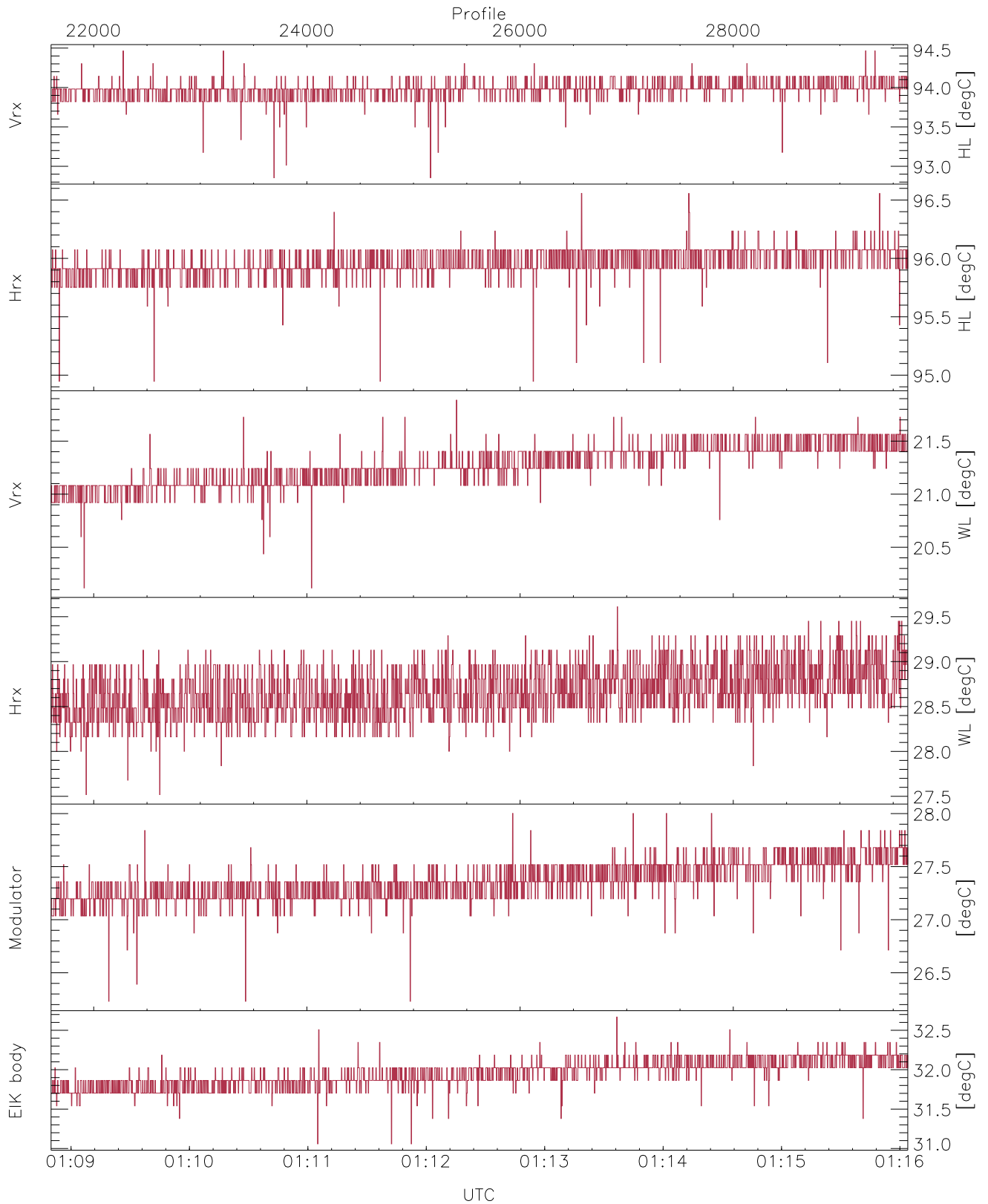


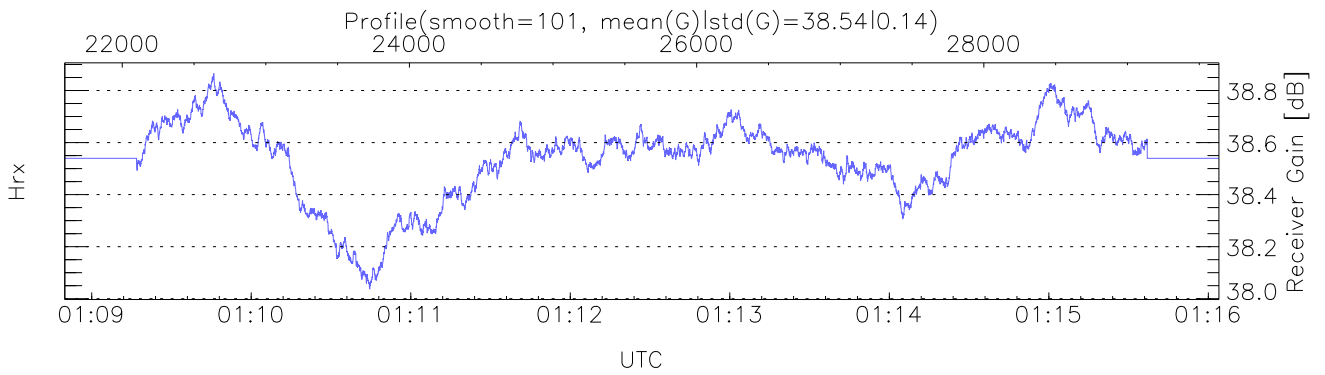
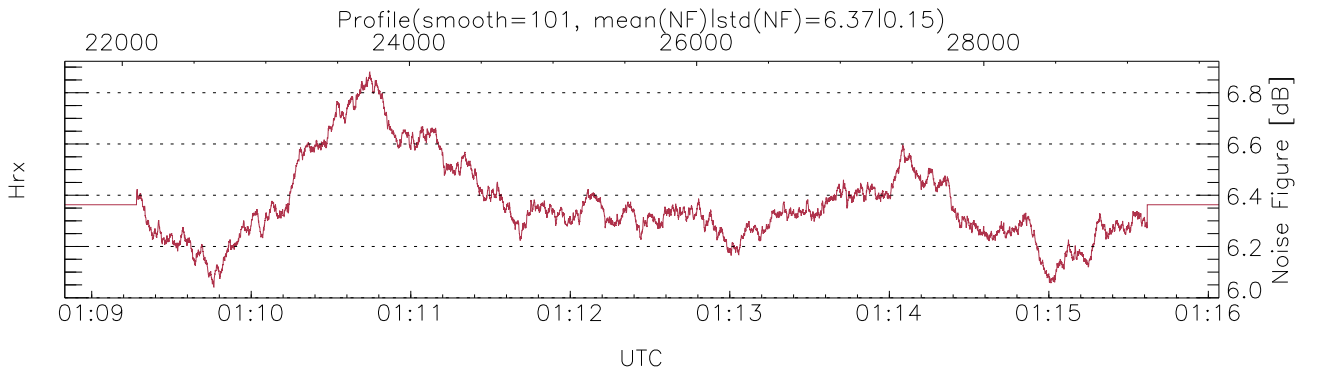
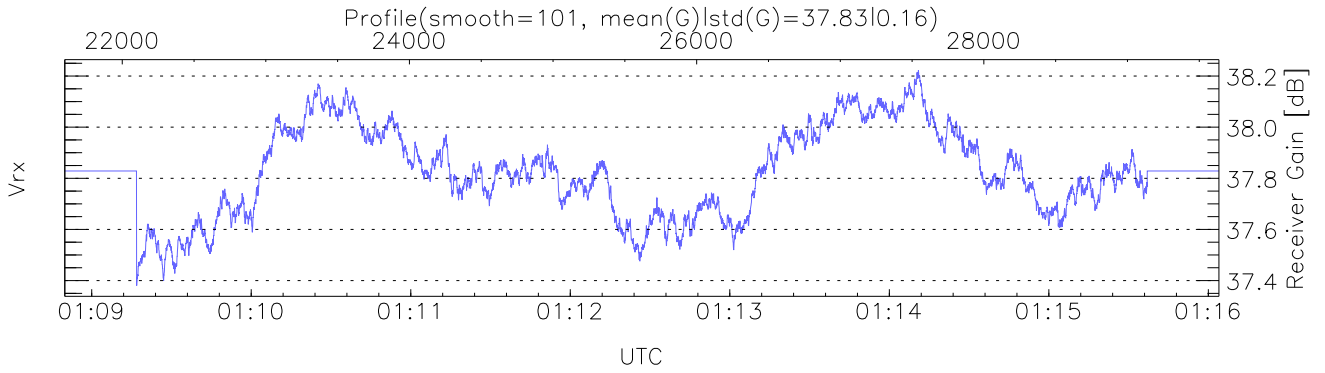
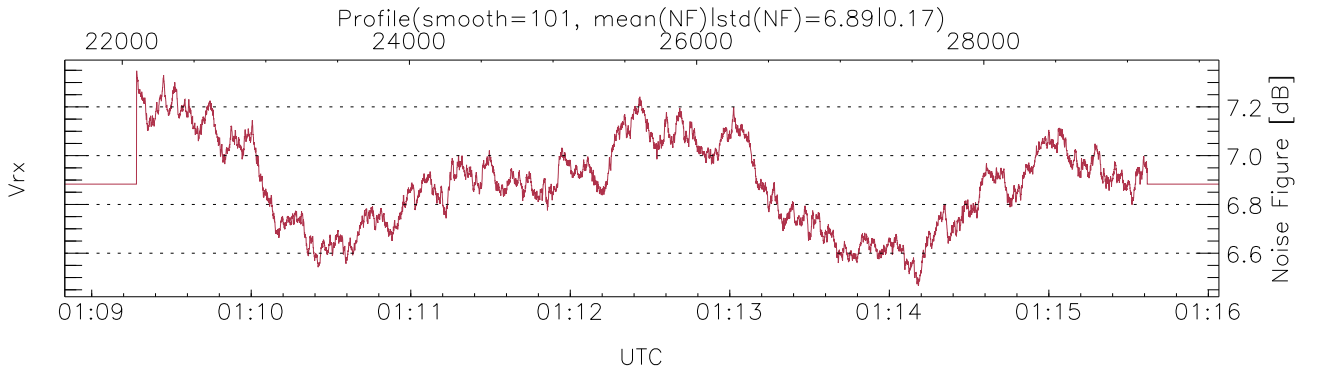
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:49:23-01:16:04, Dur: 1600.80s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 8038/29638, 21600-29637/01:08:50-01:16:04  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



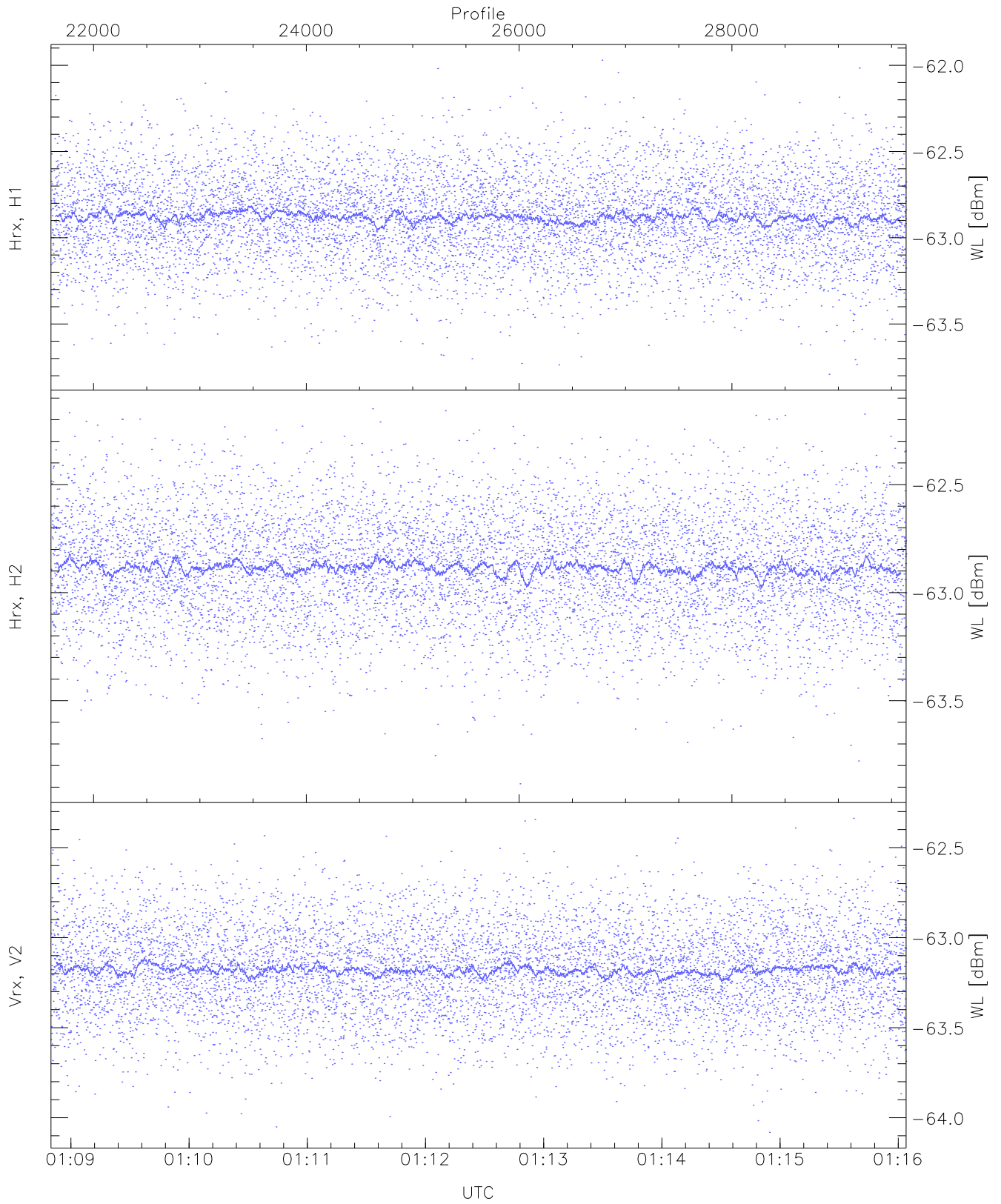
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,27,26,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,28,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,5)



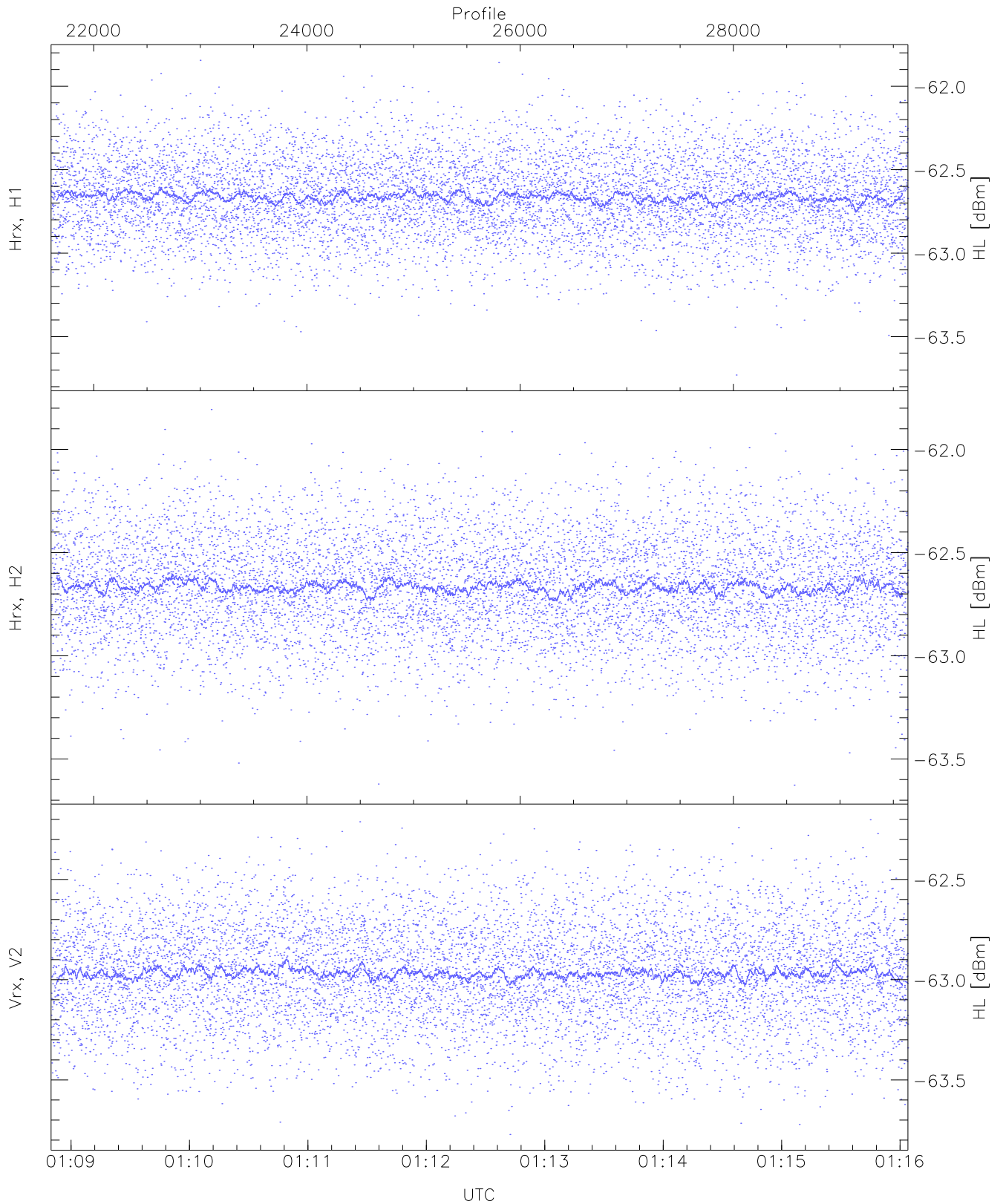
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1689 pixs, 32 gates, 1677 profs, 2 prods



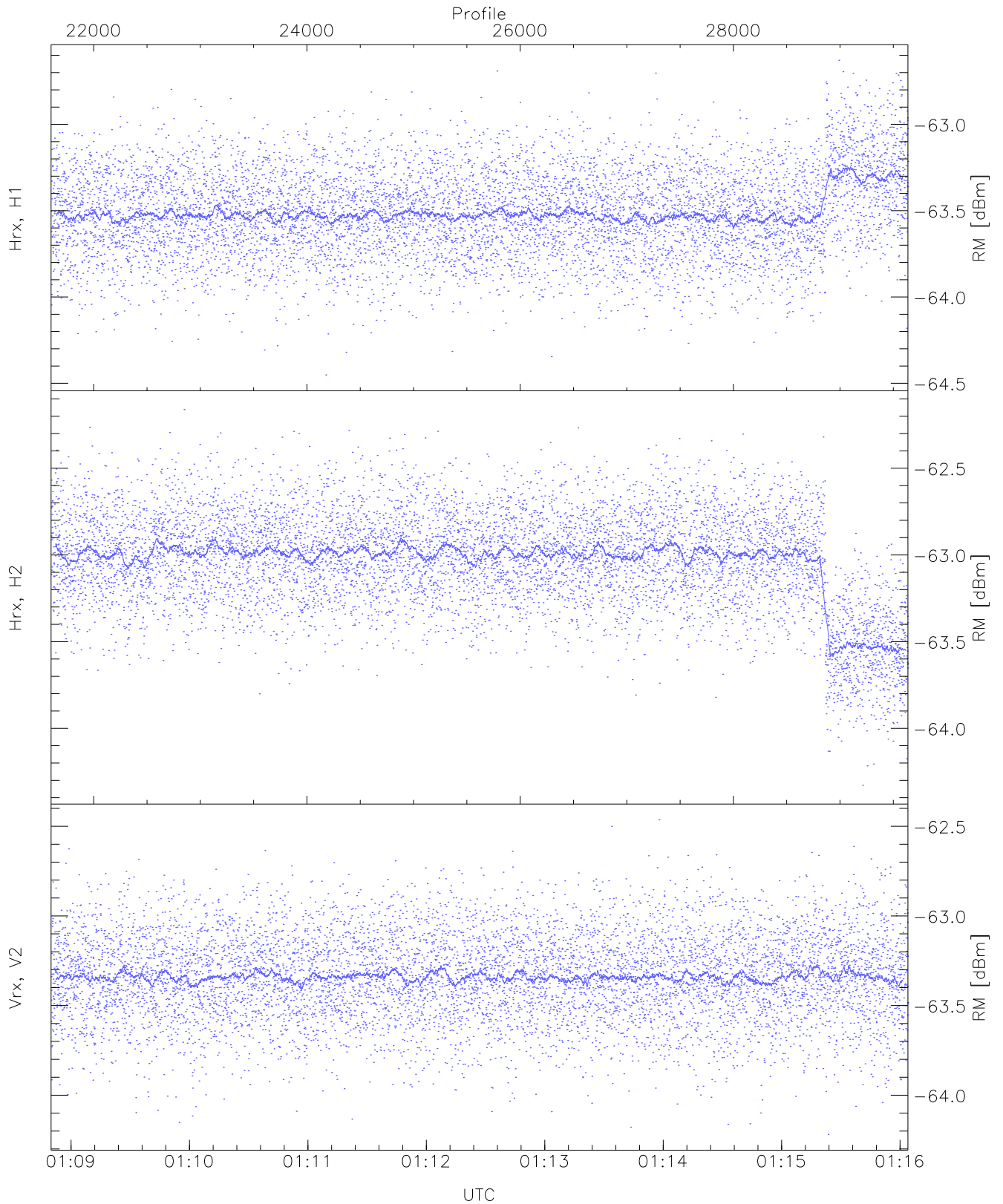
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.79	-61.97	-62.88	-62.88	-75.53
Hrx, H2(WL [dBm])	-63.88	-62.15	-62.88	-62.88	-75.61
Vrx, V2(WL [dBm])	-64.08	-62.34	-63.18	-63.18	-75.84



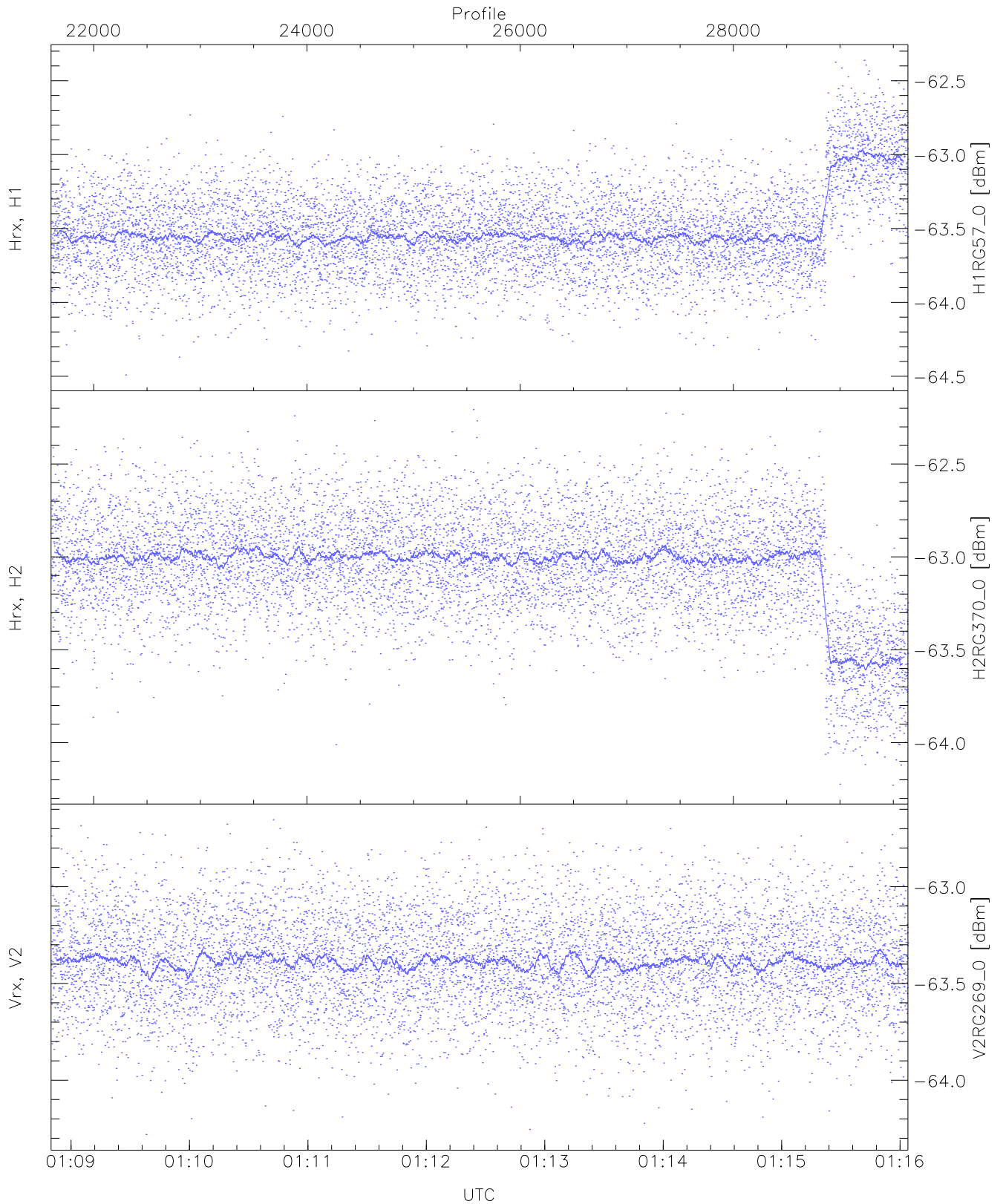
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.73	-61.84	-62.66	-62.67	-75.42
Hrx, H2 (HL [dBm])	-63.63	-61.81	-62.66	-62.67	-75.36
Vrx, V2 (HL [dBm])	-63.77	-62.20	-62.96	-62.97	-75.63



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

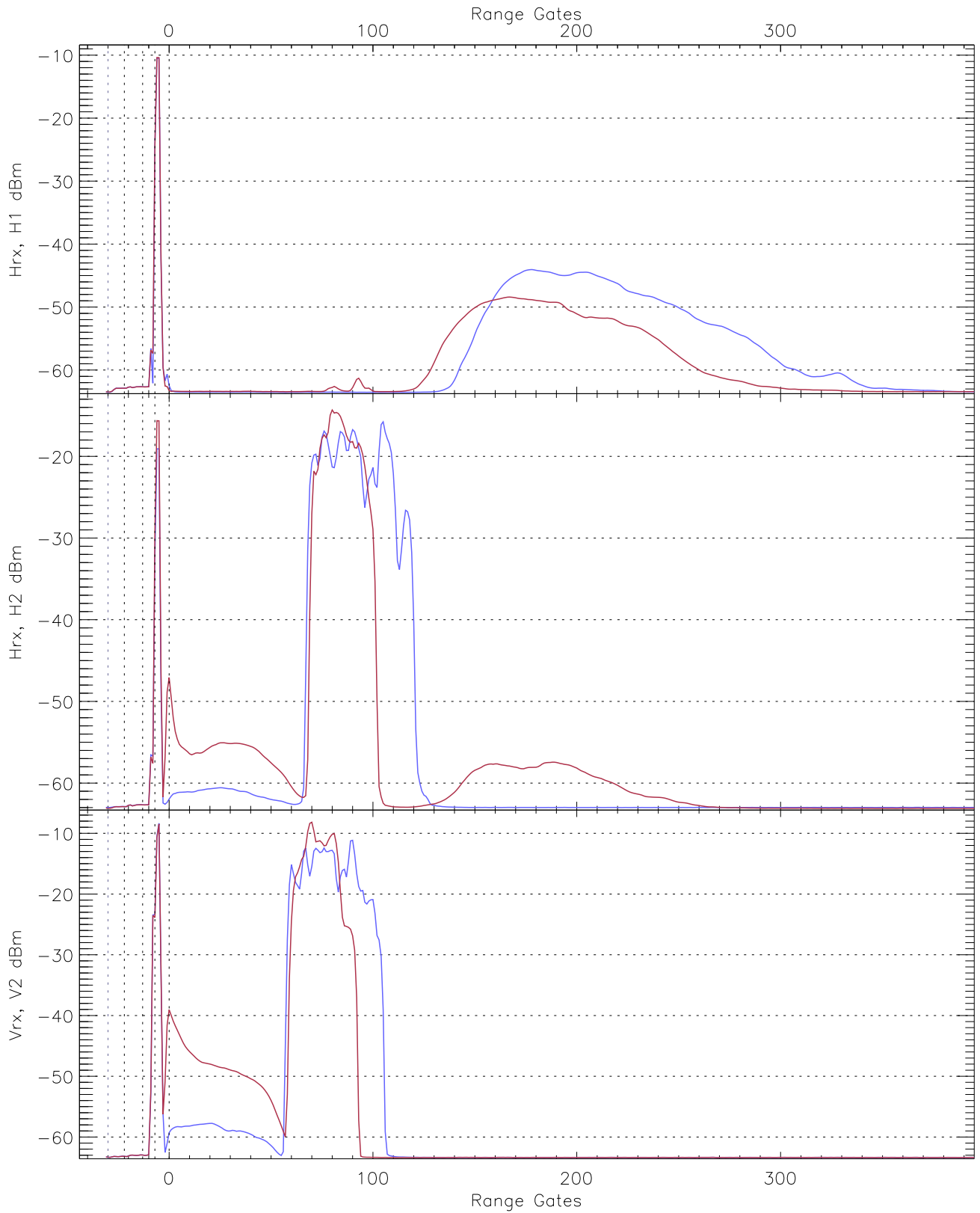
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.45	-62.63	-63.50	-63.51	-76.01
Hrx, H2 (RM [dBm])	-64.33	-62.16	-63.03	-63.02	-74.96
Vrx, V2 (RM [dBm])	-64.22	-62.46	-63.34	-63.34	-76.02



WCR2 CPP "Best" estimate Receivers Noise Power

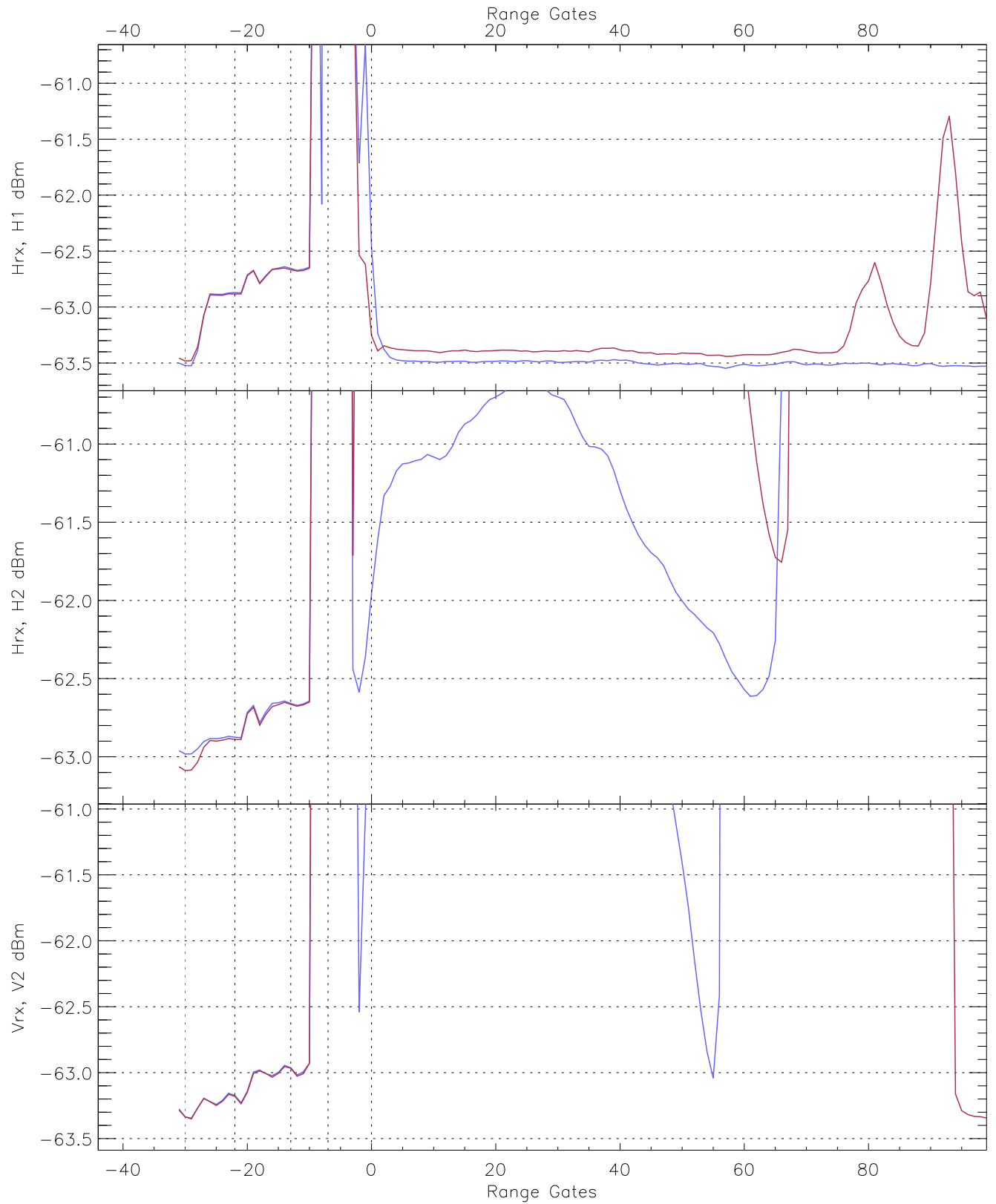
	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.49	-62.36	-63.50	-63.53	-75.30
H2RG370_0 [dBm]	-64.23	-62.21	-63.05	-63.03	-74.98
V2RG269_0 [dBm]	-64.28	-62.65	-63.38	-63.39	-76.08



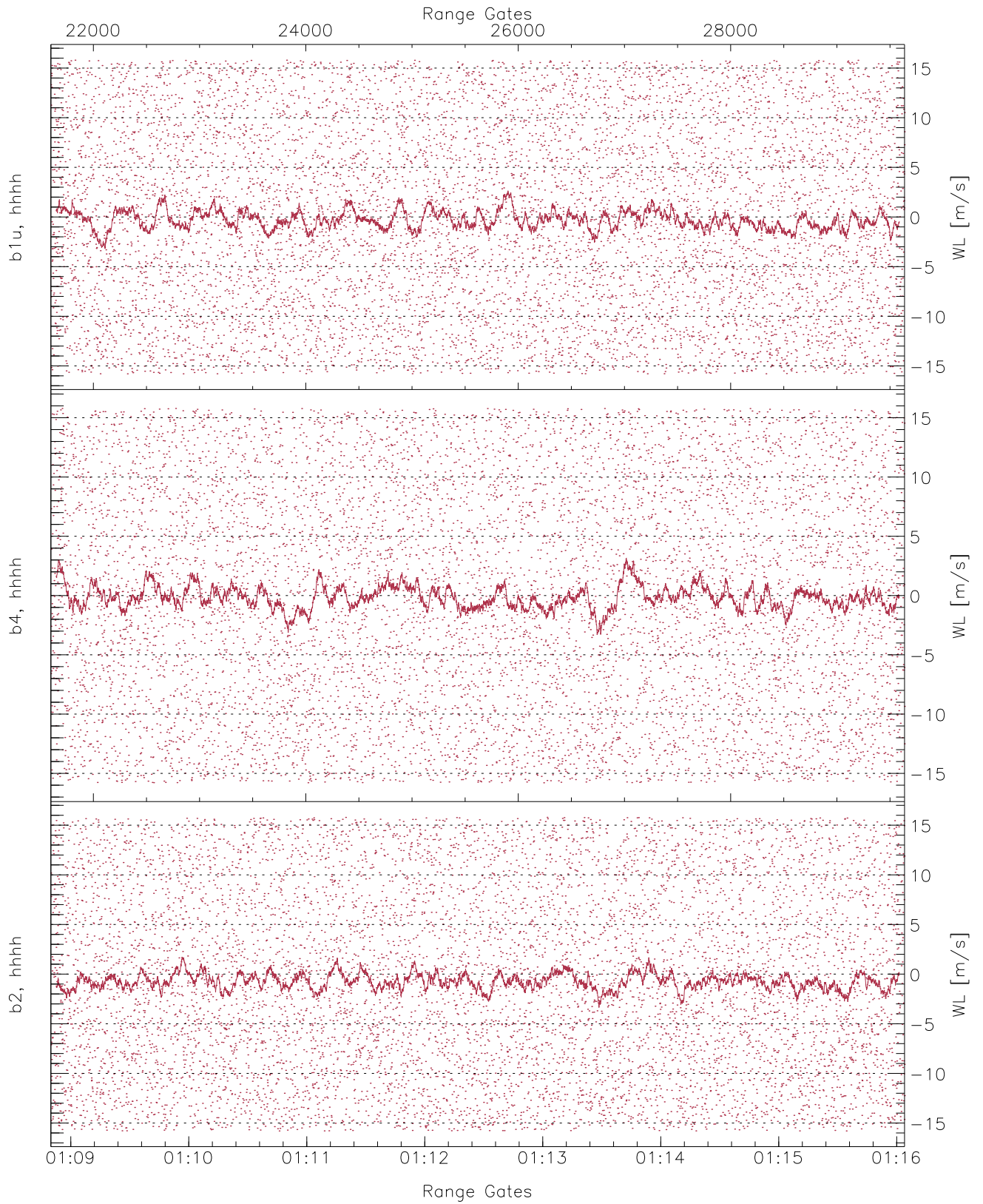


WCR2 CPP Averaged Received power for all recorded gates  
blue: 010850-011227, 4020 profiles averaged  
red: 011227-011604, 4019 profiles averaged

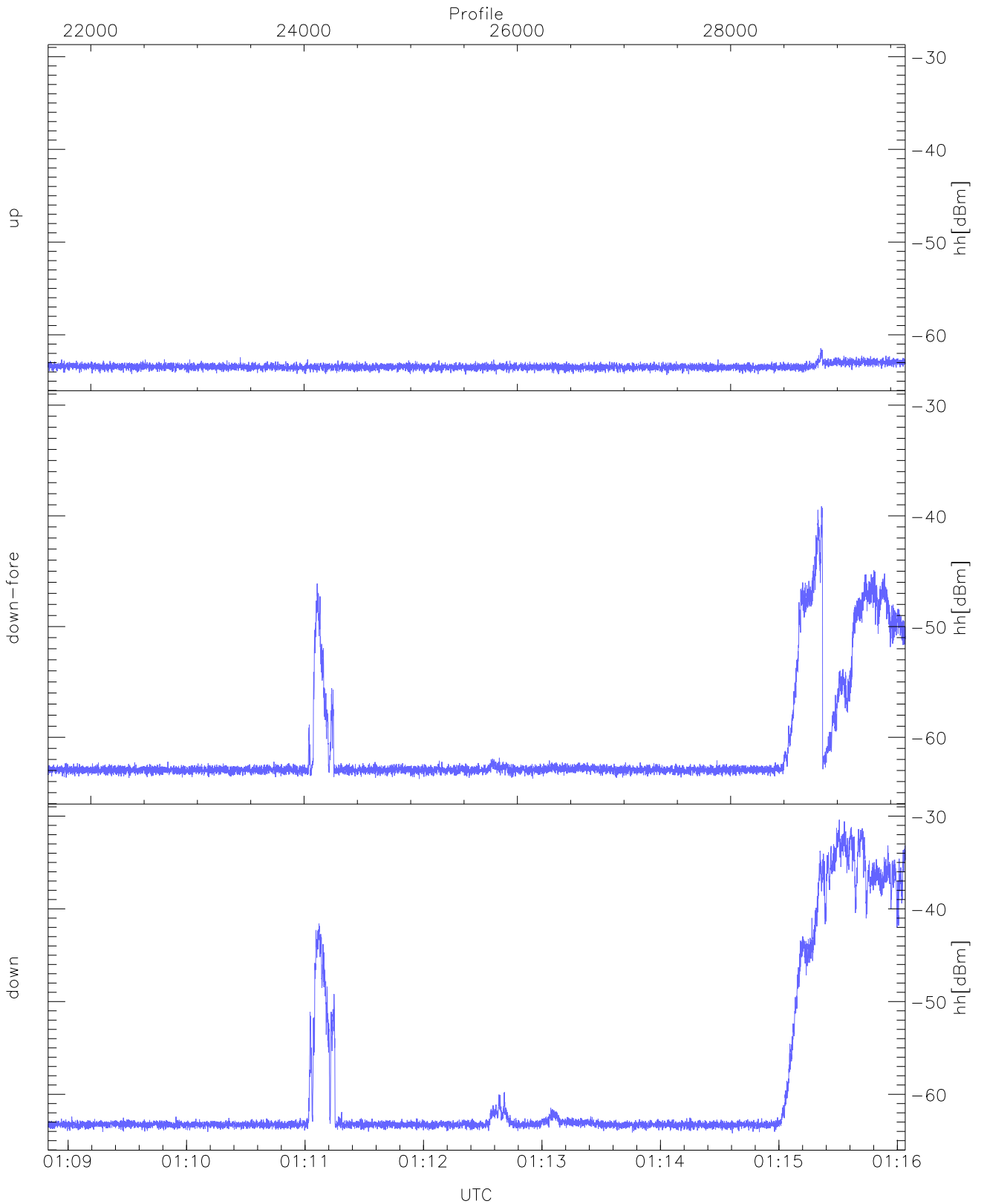




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 010850-011227, 4020 profiles averaged  
red: 011227-011604, 4019 profiles averaged

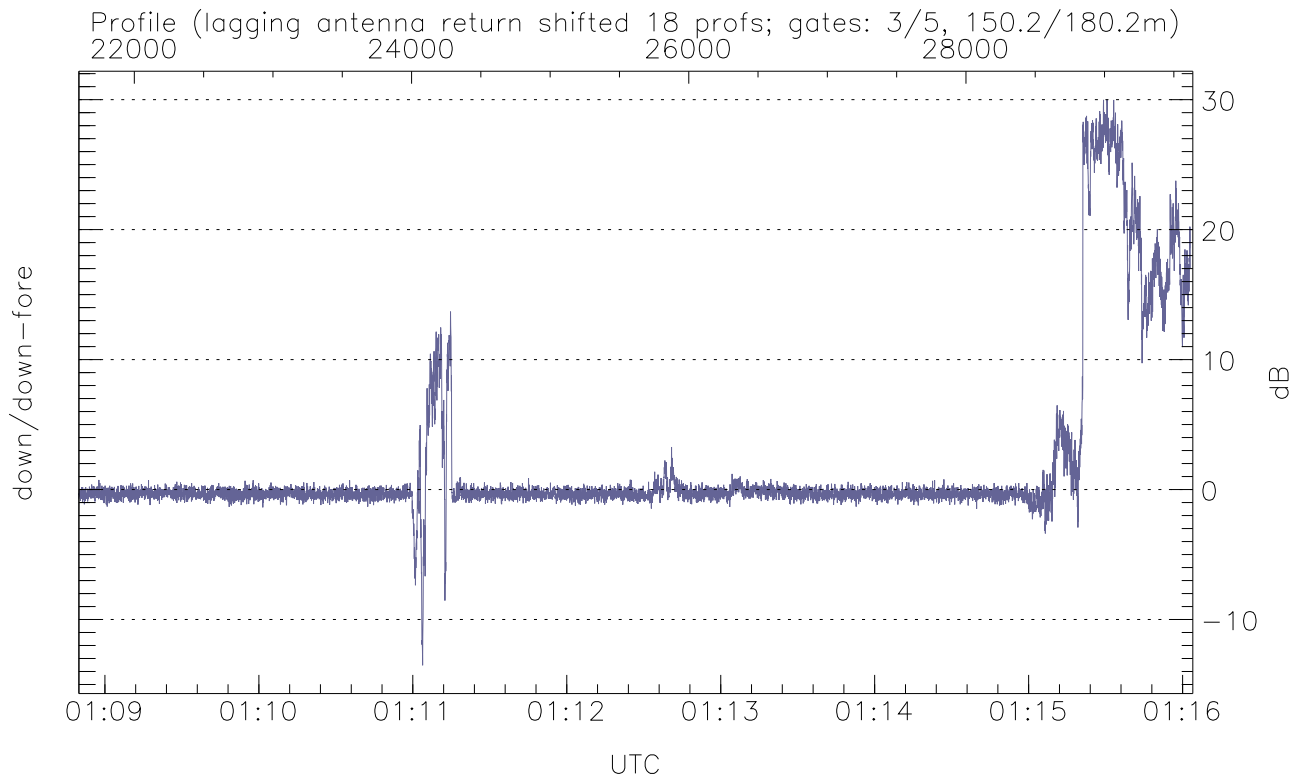
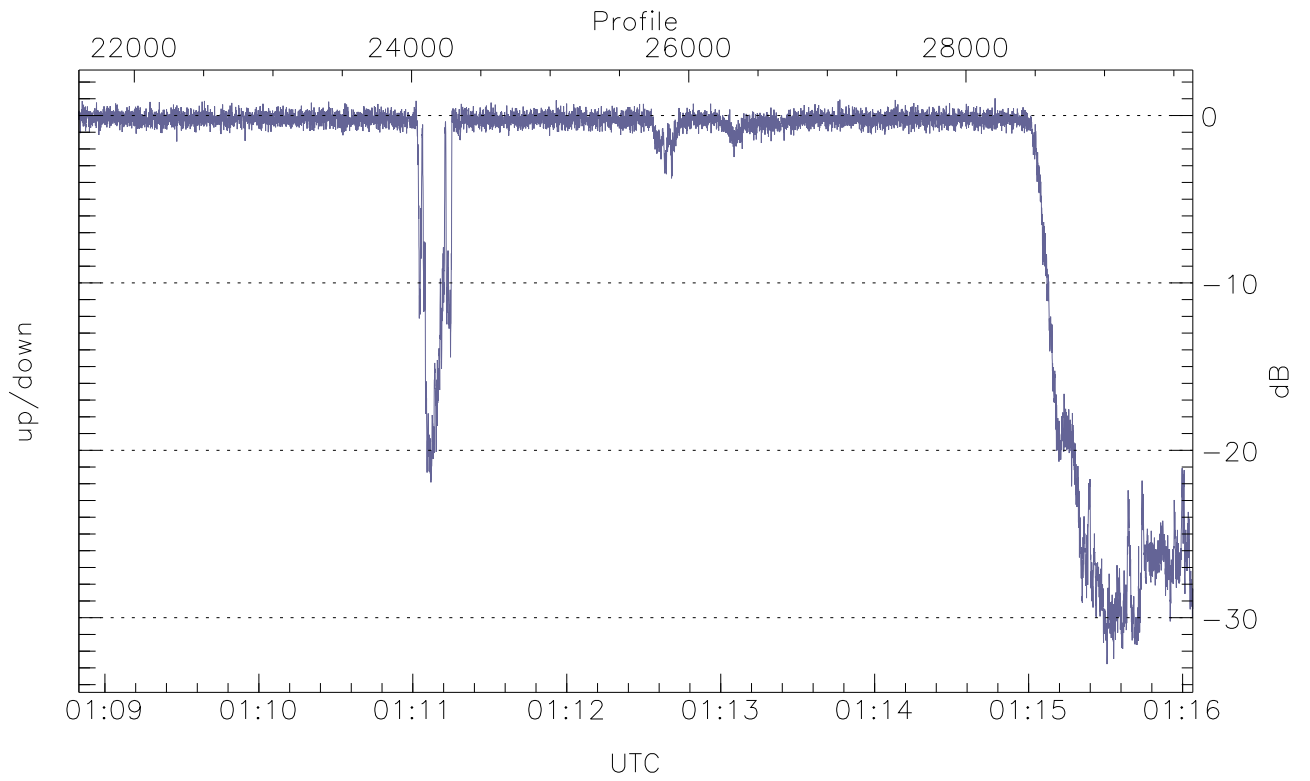


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



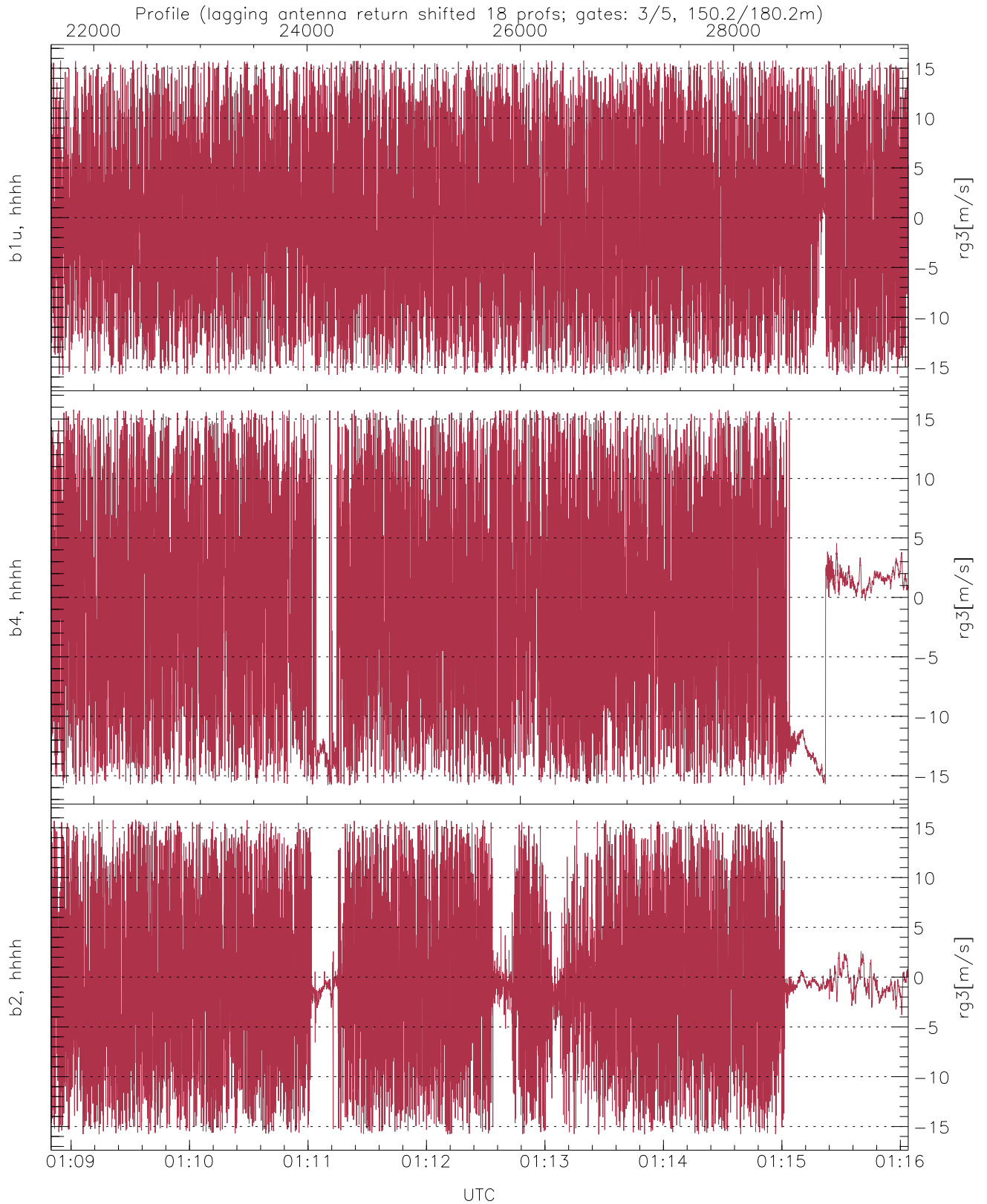
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.33	-61.45	-63.41
down-fore(hh[dBm])	-63.76	-39.13	-55.99
down(hh[dBm])	-64.19	-30.39	-44.61



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-32.77	1.03	-4.00
down/down-fore (dB)	-13.52	30.01	1.98



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	-0.38	8.78
b4, hhhh(rg3[m/s])	-15.80	15.79	-1.09	9.11
b2, hhhh(rg3[m/s])	-15.80	15.79	-0.63	7.77